

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application. Claims 29 and 49 are amended.

Claims 1 – 3 (Canceled)

Claim 4 (Previously Presented) A laminated substantially L-shaped packing restraint, comprising:

a first layer of a compressible, resilient material, the first layer having a major surface defined as first surface of the first layer and an opposite major surface defined as second surface of the first layer;

a second layer of a compressible, resilient material, the second layer having a major surface defined as first surface of the second layer and an opposite major surface defined as second surface of the second layer;

a substantially L-shaped layer of an abrasion-resistant material, the L-shaped layer having a major surface defined as first surface of the L-shaped layer and an opposite major surface defined as second surface of the L-shaped layer, wherein the L-shaped layer comprises a first leg and a second leg joined together at a vertex, wherein the vertex comprises a groove in the first surface of the L-shaped layer and the first layer is secured to the first surface of the first leg of the L-shaped layer and the second layer is secured to the first surface of the second leg of the L-shaped layer with the groove in the first surface of the L-shaped layer between the first, and second layers to provide the laminated substantially L-shaped packing restraint, and

an attachment member on the second surface of the L-shaped layer.

Claims 5 and 6 (Canceled)

Claim 7 (Previously Presented) The restraint according to claim 49, wherein the layer comprises at least one material selected from cork, rubber, foamed polymeric materials and non-foamed polymeric materials.

Claim 8 (Original) The restraint according to claim 7, wherein the polymeric materials are selected from the group consisting of polyethylene, polybutene, polybutadiene, polycarbonate, neoprene, polyisoprene, polyvinyl chloride, polystyrene, polypropylene, polyurethane, polyesters, polyalkanes, and polyalkenes.

Claim 9 (Previously Presented) The restraint according to claim 7, wherein the layer comprises foamed polyethylene.

Claim 10 (Previously Presented) The restraint according to claim 9, wherein the foamed polyethylene is formed under a pressure of 3 to 9 pounds per square inch.

Claim 11 (Previously Presented) The restraint according to claim 49, wherein the plastic member comprises at least one material selected from foamed polymeric materials and non-foamed polymeric materials.

Claim 12 (Original) The restraint according to claim 11, wherein the polymeric materials are selected from the group consisting of polyethylene, polybutene, polybutadiene, polycarbonate, neoprene, polyisoprene, polyvinyl chloride, polystyrene, polypropylene, polyurethane, polyesters, polyalkanes, and polyalkenes.

Claim 13 (Previously Presented) The restraint according to claim 11, wherein the plastic member comprises polyurethane.

Claim 14 (Canceled)

Claim 15 (Previously Presented) The restraint according to claim 49, wherein the attachment member includes a pair of spaced sidewalls and a member joining the sidewalls to provide a slot to receive banding and to limit lateral movement of the banding.

Claim 16 (Previously Presented) A restraint for packaging glass sheets, the restraint comprising:

a unitary laminated member, comprising:

an outer layer having a first member and a second member defining a vertex, the outer layer having a major surface defined as a first major surface and an opposite major surface defined as a second major surface, the second major surface of the outer layer comprising major surfaces of the first and second members;

a first leg having a major surface defined as an inner surface configured to contact at least a portion of the glass sheets and an opposite major surface defined as an outer surface, the outer surface of the first leg bonded with the second major surface of the first member of the outer layer; a second leg having a major surface defined as an inner surface of the second leg configured to contact at least a portion of the glass sheets and an opposite major surface defined as an outer surface of the second leg, the outer surface of the second leg bonded with the second major surface of the second member of the outer layer, wherein the inner surfaces of the first and second legs each extend from the vertex of the outer layer along the second major surface of their respective member and are comprised at least partly of a compressible material, and the first major surface of the outer layer is comprised at least partly of a material having a hardness greater than that of the compressible material, and

an attachment member formed on the first major surface of the outer layer.

Claim 17 (Previously Presented) The restraint according to claim 16, wherein the inner surfaces of the first and second legs comprise polyethylene.

Claim 18 (Previously Presented) The restraint according to claim 17, wherein the polyethylene is foamed polyethylene formed under a pressure of 3 to 9 pounds per square inch).

Claim 19 (Previously Presented) The restraint according to claim 16, wherein the first major surface of the outer layer comprises polyurethane.

Claim 20 (Previously Presented) The restraint according to claim 16 wherein the attachment member comprises a raised portion having a strap retainer portion.

Claim 21 (Previously Presented) A laminated restraint for packaging glass sheets, the restraint comprising:

an outer layer having a first member and a second member defining a vertex, the outer layer having a major surface defined as a first major surface and an opposite major surface defined as a second major surface, the second major surface of the outer layer comprising major surfaces of the first and second members, wherein the vertex comprises a groove in the second surface of the outer layer;

a first leg having a major surface defined as an inner surface configured to contact at least a portion of the glass sheets and an opposite major surface defined as an outer surface, the outer surface of the first leg secured to the second major surface of the first member of the outer layer; a second leg having a major surface defined as an inner surface of the second leg configured to contact at least a portion of the glass sheets and an opposite major surface defined as an outer surface of the second leg, the outer surface of the second leg secured to the second major surface of the second member of the outer layer, wherein the inner surfaces of the first and second legs are comprised at least partly of a compressible material, and the first major surface of the outer layer is comprised at least partly of a material having a hardness greater than that of the compressible material, and adjacent ends of the first and second legs are spaced from one another, and

an attachment member formed on the first major surface of the outer layer.

Claim 22 (Previously Presented) A restraint for securing a plurality of articles, the restraint comprising:

a unitary laminated L-shaped member comprising:

an inner layer having a first end and an opposite second end, and a major surface, the inner layer comprising foamed polyethylene formed under a pressure of 3 pounds to 9 pounds per square inch;

an outer layer having a major surface defined as a first major surface and an opposite major surface defined as a second major surface, and a first end and an opposite second end, the major surface of the inner layer bonded with the first major surface of the outer layer with the first ends of the inner and outer layers aligned with one another and the second ends of the inner and outer layers aligned with one another, the outer layer comprising polyurethane and having a hardness greater than that of the inner layer; and

the second major surface of the outer layer formed to have at least one attachment member having a slot.

Claim 23 (Previously Presented) A shipping container, comprising:

a base;

a plurality of articles carried on the base and defining a unit having at least two opposed edges;

at least one unitary L-shaped laminated restraint located along the two opposed edges, the restraint comprising:

an outer layer having a first member and a second member defining a vertex, the outer layer having a major surface defined as a first major surface and an opposite major surface defined as a second major surface, the second major

surface of the outer layer comprising major surfaces of the first and second members;

a first leg having a major surface defined as an inner surface configured to contact at least a portion of the articles and an opposite major surface defined as an outer surface, the outer surface of the first leg bonded with the second major surface of the first member of the outer layer;

a second leg having a major surface defined as an inner surface of the second leg configured to contact at least a portion of the articles and an opposite major surface defined as an outer surface of the second leg, the outer surface of the second leg bonded with the second major surface of the second member of the outer layer, wherein the first and second legs are in contact with one another at, and each extend from, the vertex and comprise a compressible, resilient material and the outer layer comprises an abrasion-resistant material; and

an attachment member on the first major surface of the outer layer, and

a fastening member engaging the attachment member to secure the articles in the container.

Claim 24 (Previously Presented) The container according to claim 23, wherein the articles are flat, frangible articles and further including a back wall secured to the base wherein edge of the articles is supported on the base with major surfaces of the articles facing the back wall and the fastening member biases the at least one laminated restraint and the articles toward the back wall.

Claim 25 (Original) The container according to claim 24, wherein the articles are flat glass sheets.

Claims 26 - 28 (Canceled)

Claim 29 (Currently Amended) The restraint according to claim 49 wherein: the plastic member and the layer are secured to each other according to at least one of the following techniques (a) the plastic member and the layer are separately formed and then laminated together by (1) an adhesive, and (2)(b) the plastic member and the layer are separately formed and then laminated together by mechanical fasteners, and (c) (b)-a molding process.

Claim 30 (Previously Presented) The restraint according to claim 29 wherein an adhesive secures the layer to the plastic member.

Claim 31 (Previously Presented) The restraint according to claim 21, wherein the first and second legs are comprised of at least one material selected from cork, rubber, foamed polymeric materials and non-foamed polymeric materials.

Claim 32 (Previously Presented) The restraint according to claim 31, wherein the polymeric materials are selected from the group consisting of polyethylene, polybutene, polybutadiene, polycarbonate, neoprene, polyisoprene, polyvinyl chloride, polystyrene, polypropylene, polyurethane, polyesters, polyalkanes, and polyalkenes.

Claim 33 (Previously Presented) The restraint according to claim 31, wherein at least one of the first and second legs comprises foamed polyethylene.

Claim 34 (Previously Presented) The restraint according to claim 21, wherein the outer layer comprises at least one material selected from metal, wood, foamed polymeric materials and non-foamed polymeric materials.

Claim 35 (Previously Presented) The restraint according to claim 34, wherein the polymeric materials are selected from the group consisting of polyethylene, polybutene, polybutadiene, polycarbonate, neoprene,

polyisoprene, polyvinyl chloride, polystyrene, polypropylene, polyurethane, polyesters, polyalkanes, and polyalkenes.

Claim 36 (Previously Presented) The restraint according to claim 34, wherein the outer layer comprises non-foamed polyurethane.

Claim 37 (Previously Presented) The restraint according to claim 21, wherein the outer layer has a hardness greater than that of the first and second legs.

Claim 38 (Previously Presented) The restraint according to claim 21, wherein the attachment member includes a slot.

Claim 39 (Previously Presented) The packaging restraint according to claim 29 wherein a mechanical fastener secures the layer to the plastic member.

Claim 40 (Canceled)

Claim 41 (Previously Presented) The restraint according to claim 29 wherein the layer and the plastic member are molded together.

Claim 42 (Currently Amended) The restraint according to claim 4, wherein the first layer and the second layer comprise comprises at least one material selected from cork, rubber, foamed polymeric materials and non-foamed polymeric materials.

Claim 43 (Previously Presented) The restraint according to claim 42, wherein the polymeric materials are selected from the group consisting of polyethylene, polybutene, polybutadiene, polycarbonate, neoprene, polyisoprene, polyvinyl chloride, polystyrene, polypropylene, polyurethane, polyesters, polyalkanes, and polyalkenes.

Claim 44 (Previously Presented) The restraint according to claim 42, wherein at least one of the first and second layers comprises foamed polyethylene.

Claim 45 (Previously Presented) The restraint according to claim 4, wherein the L-shaped layer comprising at least one material selected from metal, wood, foamed polymeric materials and non-foamed polymeric materials.

Claim 46 (Previously Presented) The restraint according to claim 45, wherein the polymeric materials are selected from the group consisting of polyethylene, polybutene, polybutadiene, polycarbonate, neoprene, polyisoprene, polyvinyl chloride, polystyrene, polypropylene, polyurethane, polyesters, polyalkanes, and polyalkenes.

Claim 47 (Previously Presented) The restraint according to claim 46, wherein the L-shaped layer comprises polyurethane.

Claim 48 (Previously Presented) The restraint according to claim 4, wherein the L-shaped layer has a hardness greater than that of the first and second layers.

Claim 49. (Currently Amended) A packaging restraint, comprising:

an abrasive resistant plastic member having a first leg joined to a second leg at a vertex to provide the member with a generally L-shaped cross sectional configuration, the member having an inner surface and an outer surface, the inner surface of the member designated to be in facing relationship to articles to be restrained;

a layer of a compressible resilient material secured to portions of the inner surface of the member on each side of at the vertex and ~~extending from the vertex toward end of the first leg and from the vertex toward end of the second leg, and~~

an attachment on the outer surface of the member.

Claim 50. (Previously Presented) The restraint according to claim 49 wherein the layer of compressible material extends to the end of the first leg and to the end of the second leg.

Claim 51. (Previously Presented) The restraint according to claim 16 wherein the attachment member has side walls and a member joining the sidewalls to provide a passageway to receive banding to bias the restraint against the glass sheets and to limit lateral movement of the banding.

Claim 52. (Previously Presented) The restraint according to claim 22 wherein the attachment member has side walls and a member joining the sidewalls to provide the slot.

Claim 53. (Previously Presented) The restraint according to claim 23 wherein the attachment member has side walls and a member joining the sidewalls to provide a passageway to receive the fastening member and to limit lateral movement of the fastening member.